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Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

Claims 1-28 (Canceled)

29. (New) A computer-implemented method, comprising:

presenting an interactive visual representation of a lens flare, the visual representation including a rendering of a plurality of flare components, the plurality of flare components including a center point and a halo surrounding the center point;

receiving user input indicating a modification of a first flare component of the plurality of flare components; and

modifying a model and the rendering in accordance with the user input.

30. (New) The method of claim 29, where:

the plurality of flare components includes one or more of the following components: a flare ring or a flare ray.

31. (New) The method of claim 29, further comprising:

adding a new component to the plurality of flare components in accordance to a second user input; and

updating the rendering and the model to reflect the new component.

32. (New) The method of claim 29, further comprising:

modifying a location or size of a first component in the plurality in accordance with the user input; and

updating the rendering and the model to reflect the modifying of the first component.

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33. (New) The method of claim 32 where:

modifying a location or size of a second component in the plurality to compensate for the modification to the first component, the second component different from the first component;
and

updating the rendering and the model to reflect the modifying of the second component.

34. (New) The method of claim 29, where:

the visual representation is a wire frame.

35. (New) The method of claim 29, where:

the visual representation is superimposed over an image.

36. (New) The method of claim 29, further comprising:

adjusting a parameter of a component in the plurality in accordance with a second user input, the parameter being one of: opacity, color, brightness, gradient, fuzziness, feathering, direction, or orientation; and

updating the rendering and the model to reflect the adjusting.

37. (New) A computer-implemented method, comprising:

receiving user input defining a location in a target image;

creating a model of a lens flare in accordance to the user input; and

presenting an interactive visual representation of the model at the location, the visual representation including a rendering of a plurality of flare components, the plurality of flare components including a center point and a halo surrounding the center point.

38. (New) The method of claim 37, where:

the user input is on the target image.

39. (New) The method of claim 37, where:

a size of the lens flare corresponds to a size of a region about the location.

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40. (New) The method of claim 37, where:

a location of the center point and the location are the same.

41. (New) The method of claim 37, where:

the plurality of flare components includes one or more of the following components: a flare ring or a flare ray.

42. (New) The method of claim 37, further comprising:

adding a new component to the plurality in accordance with a second user input; and
updating the rendering and the model to reflect the new component.

43. (New) The method of claim 37, further comprising:

modifying a location or size of a first component in the plurality in accordance with a second user input; and
updating the rendering and the model to reflect the modifying of the first component.

44. (New) The method of claim 43 where:

modifying a size or location of a second component in the plurality to compensate for the modification to the first component, the second component different from the first component;
and
updating the rendering and the model to reflect the modifying of the second component.

45. (New) The method of claim 37, where:

the visual representation is a wire frame.

46. (New) The method of claim 37, where:

the visual representation is superimposed over the target image.

47. (New) The method of claim 37, further comprising:

adjusting a parameter of a component in the plurality in accordance with a second user input, the parameter being one of: opacity, color, brightness, gradient, fuzziness, feathering,

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direction, or orientation; and

updating the rendering and the model to reflect the adjusting.

48. (New) A computer program product, encoded on an information carrier, operable to cause a data processing apparatus to perform operations comprising:

presenting an interactive visual representation of a lens flare, the visual representation including a rendering of a plurality of flare components, the plurality of flare components including a center point and a halo surrounding the center point;

receiving user input indicating a modification of a first flare component of the plurality of flare components; and

modifying a model and the rendering in accordance with the user input.

49. (New) The computer program product of claim 48, where:

the plurality of flare components includes one or more of the following components: a flare ring or a flare ray.

50. (New) The computer program product of claim 48, further operable to cause the data processing apparatus to perform the following operations:

adding a new component to the plurality of flare components in accordance to a second user input; and

updating the rendering and the model to reflect the new component.

51. (New) The computer program product of claim 48, further operable to cause the data processing apparatus to perform the following operations:

modifying a location or size of a first component in the plurality in accordance with the user input; and

updating the rendering and the model to reflect the modifying of the first component.

52. (New) The computer program product of claim 51 where:

modifying a location or size of a second component in the plurality to compensate for the modification to the first component, the second component different from the first component;

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and

updating the rendering and the model to reflect the modifying of the second component.

53. (New) The computer program product of claim 48, where:
the visual representation is a wire frame.

54. (New) The computer program product of claim 48, where:
the visual representation is superimposed over an image.

55. (New) The computer program product of claim 48, further operable to cause the data processing apparatus to perform the following operations:
adjusting a parameter of a component in the plurality in accordance with a second user input, the parameter being one of: opacity, color, brightness, gradient, fuzziness, feathering, direction, or orientation; and
updating the rendering and the model to reflect the adjusting.

56. (New) A computer program product, encoded on an information carrier, operable to cause a data processing apparatus to perform operations comprising:
receiving user input defining a location in a target image;
creating a model of a lens flare in accordance to the user input; and
presenting an interactive visual representation of the model at the location, the visual representation including a rendering of a plurality of flare components, the plurality of flare components including a center point and a halo surrounding the center point.

57. (New) The computer program product of claim 56, where:
the user input is on the target image.

58. (New) The computer program product of claim 56, where:
a size of the lens flare corresponds to a size of a region about the location.

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59. (New) The computer program product of claim 56, where:
a location of the center point and the location are the same.
60. (New) The computer program product of claim 56, where:
the plurality of flare components includes one or more of the following components: a flare ring or a flare ray.
61. (New) The computer program product of claim 56, further operable to cause the data processing apparatus to perform the following operations:
adding a new component to the plurality in accordance with a second user input; and
updating the rendering and the model to reflect the new component.
62. (New) The computer program product of claim 56, further operable to cause the data processing apparatus to perform the following operations:
modifying a location or size of a first component in the plurality in accordance with a second user input; and
updating the rendering and the model to reflect the modifying of the first component.
63. (New) The computer program product of claim 62 where:
modifying a size or location of a second component in the plurality to compensate for the modification to the first component, the second component different from the first component;
and
updating the rendering and the model to reflect the modifying of the second component.
64. (New) The computer program product of claim 56, where:
the visual representation is a wire frame.
65. (New) The computer program product of claim 56, where:
the visual representation is superimposed over the target image.

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66. (New) The computer program product of claim 56, further operable to cause the data processing apparatus to perform the following operations:

adjusting a parameter of a component in the plurality in accordance with a second user input, the parameter being one of: opacity, color, brightness, gradient, fuzziness, feathering, direction, or orientation; and

updating the rendering and the model to reflect the adjusting.